



REPLACEMENT CLAIMS

Please replace claim 1 with the following:

1. A substrate body-floating apparatus for blowing an air flow onto a rear surface of a disk-shaped substrate body to float and rotate the substrate body comprising:

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5 a floating unit having a surface with one or more fine pores for floating the substrate body, one or more fine pores for centering the substrate body at a center of a substrate body-floating apparatus, one or more fine pores for rotating the substrate body at a center of said apparatus, and one or more auxiliary fine pores for suppressing vibration of the substrate
10 body when the substrate body is rotated at a high speed.

Please replace claim 2 with the following:

2. The substrate body-floating apparatus according to claim 1 wherein all of said fine pores are provided on a surface of said floating unit and are inclined against the surface of said floating unit, wherein an air flow is injected into all of the
5 fine pores in a direction of the inclination.

Please replace claim 3 with the following:

3. The substrate body-floating apparatus according to claim 2 wherein said one or more fine pores for floating the substrate body crosses a rotation axis of the substrate body, and a surface

of said floating unit is divided into four areas by an angular
5 space of 90 degrees, said one or more said fine pores for
floating are provided in one area that is parallel to a diagonal
line of each area and oriented to a center of said floating unit.

Please replace claim 4 with the following:

4. The substrate body-floating apparatus according to claim
2 wherein said one or more fine pores for centering are located
at positions on an outer periphery of the substrate body, or on
an outer side from the outer periphery at an angular space, and
5 said one or more fine pores for centering are oriented to a
center of said floating unit.

Please replace claim 5 with the following:

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5. The substrate body-floating apparatus according to claim
2 wherein said one or more fine pores for rotating are located at
positions away from a tangential line to a circle with a radius
smaller than the radius of the substrate body around a center of
5 a surface of said floating unit, and said one or more fine pores
for rotating are oriented in an opposite tangential direction.

Please replace claim 6 with the following:

6. The substrate body-floating apparatus according to claim
2 where said one or more auxiliary fine pores are oriented to a
center of said floating unit and located on a periphery of a
circle from the position of said one or more fine pores for

5 rotating from a center of said floating unit at an angular space of 90 degrees therebetween.

Please replace claim 7 with the following:

5 7. A substrate body-floating type of heater comprising:
a floating means for applying air to a rear surface of a substrate body to float, rotate and suppress vibration to the substrate body; and

an optical lamp for heating a surface of the substrate body.

Please replace claim 8 with the following:

8. A substrate body-floating type of film-forming apparatus comprising:

a floating means for applying gas to a rear surface of a substrate body to float, rotate and suppress vibration to the substrate body under atmospheric or under depressurized conditions for forming a film of deposited material on a surface of the substrate body.

Please replace claim 9 with the following:

9. The substrate body-floating type of film-forming apparatus according to claim 8 where an internal diameter of a nozzle for blowing gas for film formation onto a surface of the substrate body and an external diameter of the substrate body are set to substantially the same values and a clearance between a

tip of the nozzle for blowing the gas and a surface of the
substrate body is set to 2 mm or less.

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